

**Delphion Intellectual Property Network**

To Search &amp; Research

[IPN Home](#) | [Search](#) | [Order](#) | [Shopping Cart](#) | [Login](#) | [Site Map](#) | [Help](#)
[Patent Plagies](#)

**JP63069149A2: REFORMATION OF POLYMER  
SOLID ELECTROLYTE**
[View Images \(1 pages\)](#)

Country: JP Japan

Kind:

Inventor(s): ITO YUKIO  
HIRATANI MASAHIKO  
KANEBORI KEIICHI  
MIYAUCHI KATSUMI  
KUDO TETSUICHI

Applicant(s): HITACHI LTD

Inventor's Dates: March 29, 1988 / Sept. 10, 1986

Application Number: JP1986000211558

IPC Class:

Abstract:

**Purpose:** To obtain a polymer solid electrolyte stable against lithium by conducting a plasma treatment to the surface of a vapor deposition film comprising polyethylene oxide and a lithium salt.

**Constitution:** Polyethylene oxide and lithium sulfide are placed on separate deposition source boats, and they are vacuum deposited by a resistance heating method. A plasma treatment such as sputter etching and sputtering of ion conductive material is conducted to the surface of the vacuum deposition film. By this process, a polymer solid electrolyte which is stable against lithium and has high ion conductivity can be obtained.

COPYRIGHT: (C)1988, JPO&Japio

DERABS C88-123852 DERC88-123852

(No patents reference this one)

Alternative  
Searches

Patent Number

Boolean Text

Advanced Text

Browse

TDB